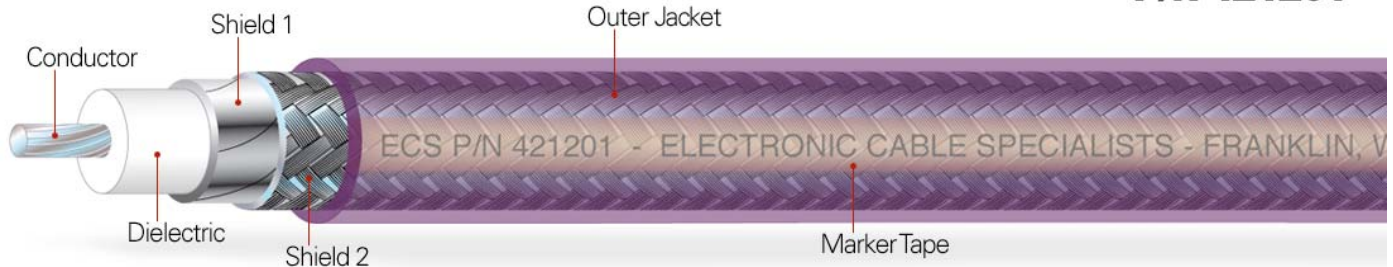




Providing complete avionics installation provisions and support for the Aviation industry since 1984.

# 50 Ohm Coaxial Cable

**P/N 421201**



- Conductor:** 12 AWG stranded silver plated copper
- Dielectric:** High temperature fluoropolymer
- Shield 1:** Aluminum tape
- Shield 2:** Silver plated copper braid
- Jacket:** Purple high temperature fluoropolymer (laser markable)

### Physical Characteristics

- Outer Diameter:** 0.313 in. nominal
- Bend Radius:** 1.6 in. nominal
- Weight:** 7.5 lbs/100 ft nominal
- Temperature Range:** -55° to +200° C
- Skydrol Resistant:** Yes

### Electrical Characteristics

- Impedance:** 50.0 Ohms nominal
- Capacitance:** 27.0 pF/ft nominal
- DC Resistance:** 1.69 Ohms/1000 ft nominal
- Time Delay:** 1.28 ns/ft nominal
- Attenuation:** 156 MHz 2.23 dB/100 ft; (nominal)  
1090 MHz 5.84 dB/100 ft;  
1575 MHz 6.83 dB/100 ft;  
4400 MHz 12.39 dB/100 ft;  
5091 MHz 13.34 dB/100 ft

### Environmental:

- ECS avionics cables are designed to meet, or exceed, burn requirements as set forth in Federal Aviation Regulations 14 CFR Part 25.869(a)(4) Amdt 25-113, Appendix F Part I(a)(3).
- They are manufactured with materials which, when subjected to flames or high temperatures, will not outgas deadly hydrogen chloride produced by conventional PVC cables.

## Connector Types for Cable 421201

Connector Type	Connector P/N	Connector Type	Connector P/N	Connector Type	Connector P/N
TNC 90°	CTR122	BNC 90°	CBR122	ARINC 404 Size 1	LM122
TNC 90° Extended	N/A	BNC 90° Extended	N/A	ARINC 600 Size 1	L1122
TNC 90° Long	N/A	BNC 90° Long	N/A	ARINC 600 Size 1RF	M1122
TNC Straight	CTS122	BNC Straight	CBS122	ARINC 600 Size 5	N/A
TNC Panel Mount	N/A	BNC Bulkhead	N/A	SMA 90°	CSR122
TNC Bulkhead	BTS122	N 90°	CNR122	SMA Straight	CSS122
C 90°	CCR122	N Straight	CNS122	HN 90°	CHR122
C Straight	CCS122	N Bulkhead	BN3122		

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